

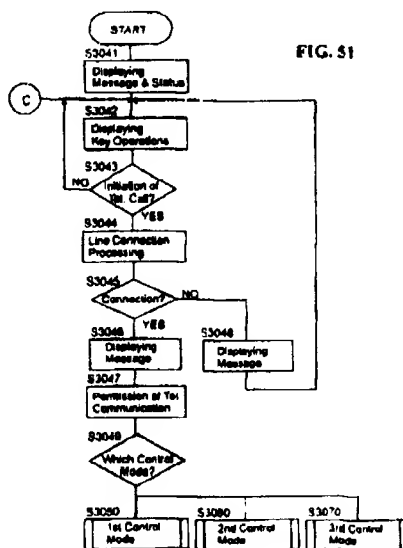
UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,046,239 B2  
APPLICATION NO. : 09/770078  
DATED : May 16, 2006  
INVENTOR(S) : Katsuhiko Asai et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawing Sheet 39, FIG. 51, please delete FIG. 51, and add new FIG. 51 below:



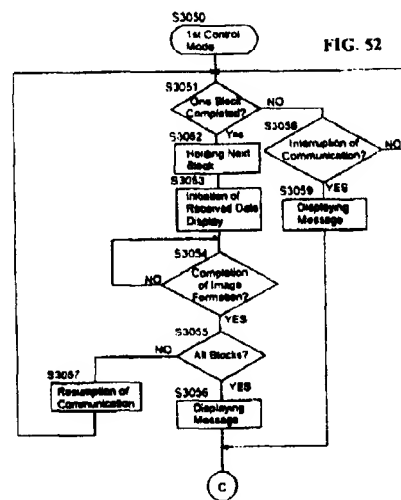
This certificate supersedes the Certificates of Correction issued February 15, 2011, July 12, 2011, August 30, 2011 and October 11, 2011.

Signed and Sealed this  
Eighth Day of November, 2011

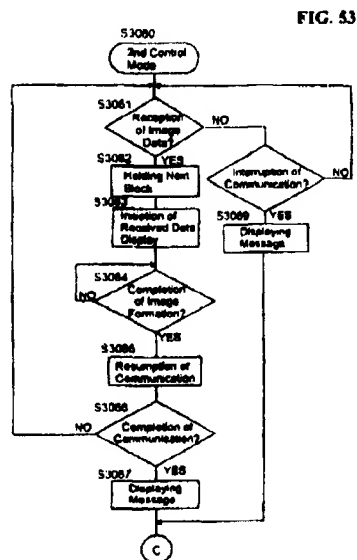
*David J. Kappos*

David J. Kappos  
Director of the United States Patent and Trademark Office

Drawing Sheet 40, FIG. 52, please delete FIG. 52, and add new FIG. 52 below:



Drawing Sheet 41, FIG. 53, please delete FIG. 53, and add new FIG. 53 below:



Delete Drawing Sheet 42, FIG. 54, please delete FIG. 54, and add new FIG. 54 below:

FIG. 54

